

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Glass Tech Engineering, Inc. 8321 N.W. 70th Street Miami, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2046A" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. W05–17, titled "Series-2046A Alum Window Wall System (L.M.I.)", sheets 1, 2, 2.1, 3, 3.1, 4, 5, 6 and 7 of 7, dated 04/08/05, with revision D dated 10/11/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section Revision Stamp with the Notice of Acceptance Number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 15-0302.03 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY APPROYED

W/10/21/16

NOA No. 16-1020.05 Expiration Date: August 04, 2020 Approval Date: October 27, 2016 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 05-0620.01)
- 2. Drawing No. **W05-17**, titled "Series-2046A Alum Window Wall System (L.M.I.)", sheets 1, 2, 2.1, 3, 3.1, 4, 5, 6 and 7 of 7, dated 04/08/05 with revision D dated 10/11/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 2046A aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc. Test Report No. FTL-7963, dated 10/23/14, signed and sealed by Idalmis Ortega, P.E.

- 2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a series 2046A aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc. Test Report No. FTL-8243, dated 02/17/15, signed and sealed by Idalmis Ortega, P.E.

- 3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of an aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc. Test Reports No.

FTL-4537and FTL-4535, dated 03/23/05 and 03/21/05, both signed and sealed by Edmundo J. Largaespada, P.E.

(Submitted under NOA No.05-0620.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-5th Edition (2014), dated 02/18/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

2. Glazing complies with ASTM E1300-09

Manuel Perez, P.E.

Product Control Examiner

NOA No. 16-1020.05

Expiration Date: August 04, 2020 Approval Date: October 27, 2016

Glass Tech Engineering, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13-1126. 20 issued to Allnex USA, Inc. for their "Uvekol S Laminated Glass Interlayer", dated 02/20/14, expiring on 02/08/19.
- 2. Notice of Acceptance No. 14-0423.15 issued to Eastman Chemical Company (MA) for their "Saflex CP Saflex and Saflex HP Composite Glass Interlayers with PET Core" dated 06/19/14, expiring on 12/11/18.
- 3. Notice of Acceptance No. 14-0714.01 issued to Kuraray America, Inc. for their "Trosifol XT Glass Interlayers" dated 10/09/14, expiring on 07/08/19.

F. STATEMENTS

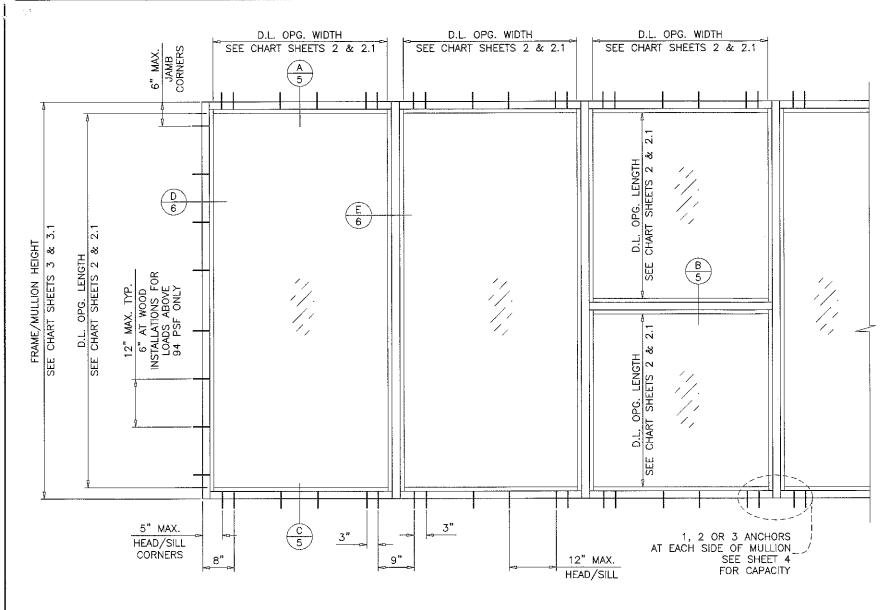
- 1. Statement letter of conformance, complying with FBC-5th Edition (2014), and of no financial interest, dated February 15, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Laboratory compliance letter for Test Reports No. **FTL-4537** and **FTL-4535**, issued by Fenestration Testing Laboratory, Inc., dated 03/23/05, signed and sealed by Edmundo J. Largaespada, P.E. (Submitted under NOA No.05-0620.01)

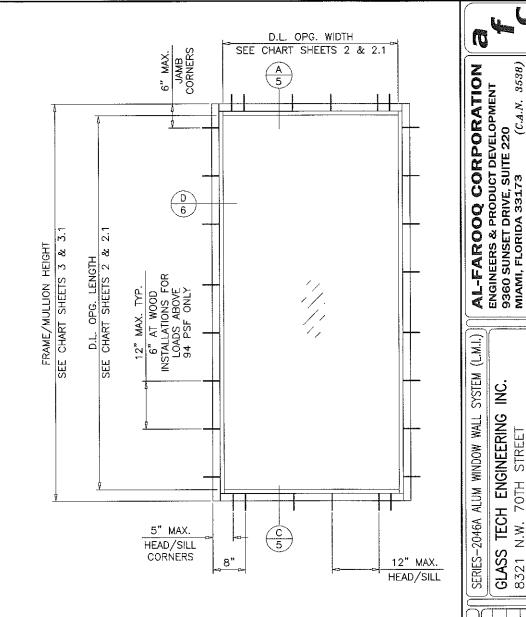
G. OTHERS

1. Notice of Acceptance No. **15-0302.03**, issued to Glass Tech Engineering, Inc. for their Series "2046A" Aluminum Window Wall System - L.M.I., approved on 05/08/15 and expiring on 08/04/20.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 16-1020.05

Expiration Date: August 04, 2020 Approval Date: October 27, 2016





TYPICAL ELEVATIONS

SERIES-2046A IMPACT WINDOW WALL SYSTEM

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.

STEP 2 SEE CHART ON SHEETS 2 AND 2.1 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.

CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 3 & 3.1 THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.

STEP 4 USING CHARTS ON SHEET 4 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

STEP 5 THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

OCT 12 2015 PRODUCT REVISED as complying with the Florida Building Code Acceptance No Expiration Date No. 4-70 Missai Dade Product Control

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sheet 1 of 7

by description
UPDATED FOR 2007 FBC
UPDATED TO 2010 FBC
UPDATED TO 2014 FBC
EDITORIAL CHANGES

(C.A.N. 3538) FAX. (305) 262-6978

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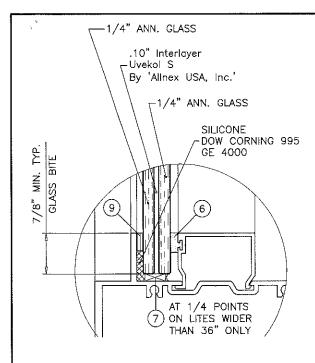
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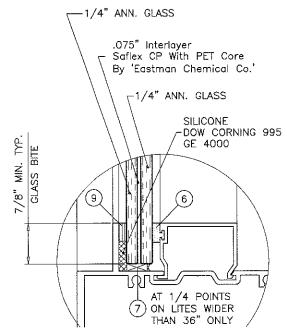
GLASS TECH ENGINEERING 8321 N.W. 70TH STREET MIAMI, FL. 33166

N.W. 7 , FL. 3; 305) 594-

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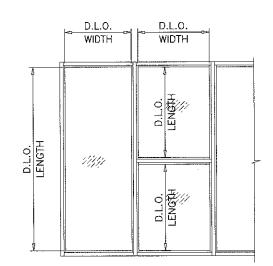
(L.M.I.)





GLASS DES	SIGN LOAD	CAPACITY - PSF		
NOMIN	AL DIMS.	GLASS TYPE 'A'		
D.L.O. WIDTH	D.L.O. LENGTH	EXT.(+) & INT.(-)		
24"		120.0		
30"		120.0		
36"		120.0		
42"	66"	100.0		
48"		96.7		
54"		89.0		
60"		81.9		
24"		120.0		
30"		120.0		
36"	72"	100.0		
42"	/2	98.4		
48"		88.7		
54"		81.0		
24"		120.0		
30"		120.0		
36" 42"	78"	100.0		
		91.2		
48"		81.2		
24"		120.0		
30"	84"	100.0		
36"		100.0		
42"		85.2		
24"		120.0		
30"	2011	100.0		
36"	90"	96.8		
42"		80.3		
24"		120.0		
30"	96"	100.0		
36"		92.5		
24"		100.0		
30"	102"	100.0		
36"		88.2		
24"		100.0		
30"	108"	100.0		
36"		84.7		
24"	1140	100.0		
30"	114"	100.0		
24"	1008	100.0		
30"	120"	100.0		

30"

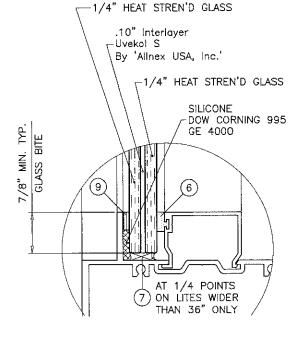


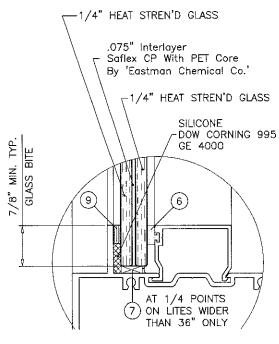
GLASS TYPE 'A'

VALUES SHOWN ABOVE ARE MAXIMUM DAYLITE OPENING DIMS. FOR GLASS. SEE MULLION CHARTS FOR MULLION CAPACITY.

100.0

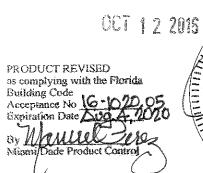
GLASS DES	IGN LOAD	CAPACITY - PSF				
NOMINA	AL DIMS.	GLASS TYPE 'B'				
D.L.O. WIDTH	D.L.O. LENGTH	EXT.(+) & INT.(-)				
24"		120.0				
30"		120.0				
36"		120.0				
42"	78"	120.0				
48"		120.0				
54"		120.0				
60"		120.0				
24"		120.0				
30"		120.0				
36"	84"	120.0				
42"		120.0				
48"		120.0				
54"		120.0				
24"		120.0				
30"		120.0				
36"	90"	120.0				
42"		120.0				
48"		120.0				
54"		120.0				
24"		120.0				
30"		120.0				
36"	96"	120.0				
42"		120.0				
48"		120.0				
24"		120.0				
30"		120.0				
36"	102"	120.0				
42"		120.0				
48"		120.0				
24"		120.0				
30"	108"	120.0				
36"		120.0				
42"		120.0				
24"		120.0				
30"	114"	120.0				
36"		120.0				
42"		120.0				
24"		120.0				
30"	120"	120.0				
36"		120.0				

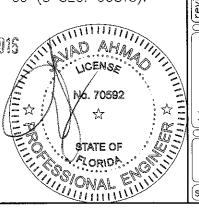




NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).

GLASS TYPE 'B'





		by description	UPDATED FOR 200	UPDATED TO 2010	UPDATED TO 2014	EDITORIAL CHANGES		
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sheet 2 of 7

(C.A.N. 3538) FAX. (305) 262-6978

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GLASS TECH ENGINEERING INC. 8321 N.W. 70TH STREET MIAMI, FL. 33166 TEL (305) 594-4321 FAX. (305) 599-

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

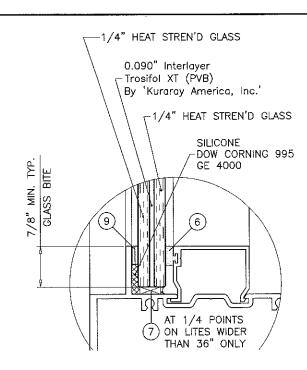
 MIAMI, FLORIDA 33173
 (C.A.N. 3538)

 TEL. (305) 264-8100
 FAX. (305) 262-6978

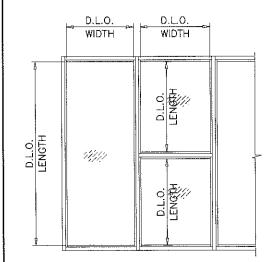
(L.M.!)

SERIES-2046A ALUM WINDOW WALL SYSTEM

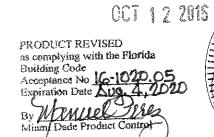
GLASS DE	SIGN LOAD	CAPACITY - PSF			
NOMIN	AL DIMS.	GLASS TYPE 'C'			
	D.L.O. LENGTH	EXT.(+) & INT.(-)			
24"		80.0			
30"		80.0			
36"		80.0			
42"	96"	80.0			
48"		80.0			
54"		80.0			
60"		80.0			
24"		80.0			
30"		80.0			
36"	100"	80.0			
42"	102"	0.08			
48"		80.0			
54"		80.0			
24"		80.0			
30"		80.0			
36"	108"	80.0			
42"	108"	80.0			
48"		80.0			
54"		80.0			
24"		80.0			
30"		80.0			
36"	114"	80.0			
42"		80.0			
48"		80.0			
24"		80.0			
30"		80.0			
36"	120"	80.0			
42"		80.0			
48"		80.0			
24"		80.0			
30"		80.0			
36"	126"	80.0			
42"		80.0			
48"		80.0			

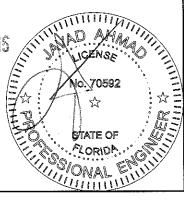


GLASS TYPE 'C'



VALUES SHOWN ABOVE ARE MAXIMUM DAYLITE OPENING DIMS. FOR GLASS. SEE MULLION CHARTS FOR MULLION CAPACITY. NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).





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description

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

 MIAMI, FLORIDA 33173
 (C.A.N. 3538)

 TEL. (305) 264-8100
 FAX. (305) 262-6978

SERIES-2046A ALUM WINDOW WALL SYSTEM (L.M.I.)

GLASS TECH ENGINEERING INC. 8321 N.W. 70TH STREET MIAMI, FL. 33166 TEL. (305) 594-4321 FAX. (305) 599-

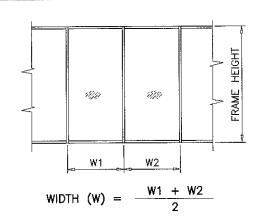
UPDATED TO 2014 FBC EDITORIAL CHANGES

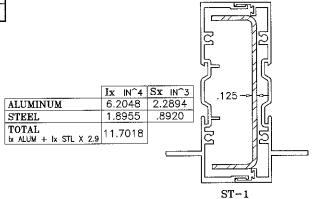
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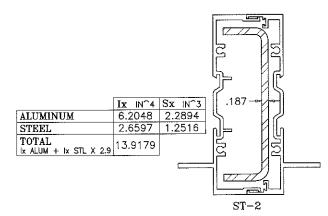
sheet 2.1 of 7

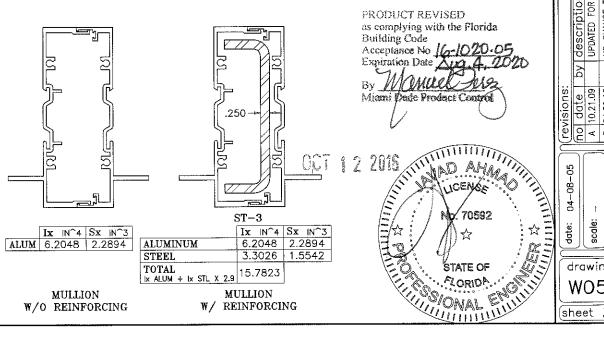
NOMIN	AL DIMS.	WITHOUT REINFORCING	ST-1 REINFORCING	ST-2 REINFORCING	ST-3 REINFORCING
WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	72"	100.0	120.0	120.0	120.0
48"		100.0	120.0	120.0	120.0
54"		100.0	120.0	120.0	120.0
60"		100.0	120.0	120.0	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	78"	100.0	120.0	120.0	120.0
48"		100.0	120.0	120.0	120.0
54"		100.0	120.0	120.0	120.0
60"		_	120.0	120.0	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	84"	100.0	120.0	120.0	120.0
48"		100.0	120.0	120.0	120.0
54"		100.0	120.0	120.0	120.0
60"			120.0	120.0	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	90"	100.0	120.0	120.0	120.0
48"		95.9	120.0	120.0	120.0
54"			120.0	120.0	120.0
60"		100.0	113.9	120.0	120.0 120.0
24"		100.0	120.0	120.0	
30" 36"		100.0	120.0	120.0	120.0 120.0
36" 42"	96"	100.0 93.2	120.0	120.0	120.0
42 48"	30	83.3	116.3	120.0	120.0
48 54"	1		105.9	120.0	120.0
60"			98.0	116.6	120.0
24"		_	120.0	120.0	120.0
30"		-	120.0	120.0	120.0
36"		_	120.0	120.0	120.0
42"	102"	_	114.4	120.0	120.0
48"			101.9	120.0	120.0
54"		_	92.6	110.1	120.0
24"		-	120.0	120.0	120.0
30"			120.0	120.0	120.0
36"	108"		116.7	120.0	120.0
42"			101.4	120.0	120.0
48"			90.2	107.2	120.0
54"			-		_
24"		_	120.0	120.0	120.0
30"		_	120.0	120.0	120,0
36"	114"	_	104.4	120.0	120.0
42"			90.6	107.7	120.0

		MULLION LOAD CAPACITY - PSF WITHOUT INTERMEDIATE HORIZONTALS									
1	NOMIN	AL DIMS.	WITHOUT REINFORCING	ST-1 REINFORCING	ST-2 REINFORCING	ST-3 REINFORCING					
	WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)					
٦	24"			120.0	120.0	120.0					
	30"			111.7	120.0	120.0					
	36"	120"		93.9	111.7	120.0					
1	42"		-	81.4	96.8	109.7					
1	48"		_	72.1	85.8	97.2					
	24"		-	_	80.0	80.0					
٦	30"		_		80.0	80.0					
٦	36"	126"	_	***	80.0	80.0					
1	42"			_	80.0	80.0					
1	48"		_	_	77.4	80.0					
1											









GLASS TECH ENGINEERING INC. 8321 N.W. 70TH STREET MIAMI, FL. 33166 TEL. (305) 594-4321 FAX. (305) 599-SERIES-2046A ALUM WINDOW WALL SYSTEM

FAX. (305) 599-2730

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33.173 (C.A.N. 3638) TEL. (305) 264-8100 FAX. (305) 262-6978 STORE\W05-1

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| Cevisions: | Control | C

à: drawing no.

W05 - 17sheet 3 of 7

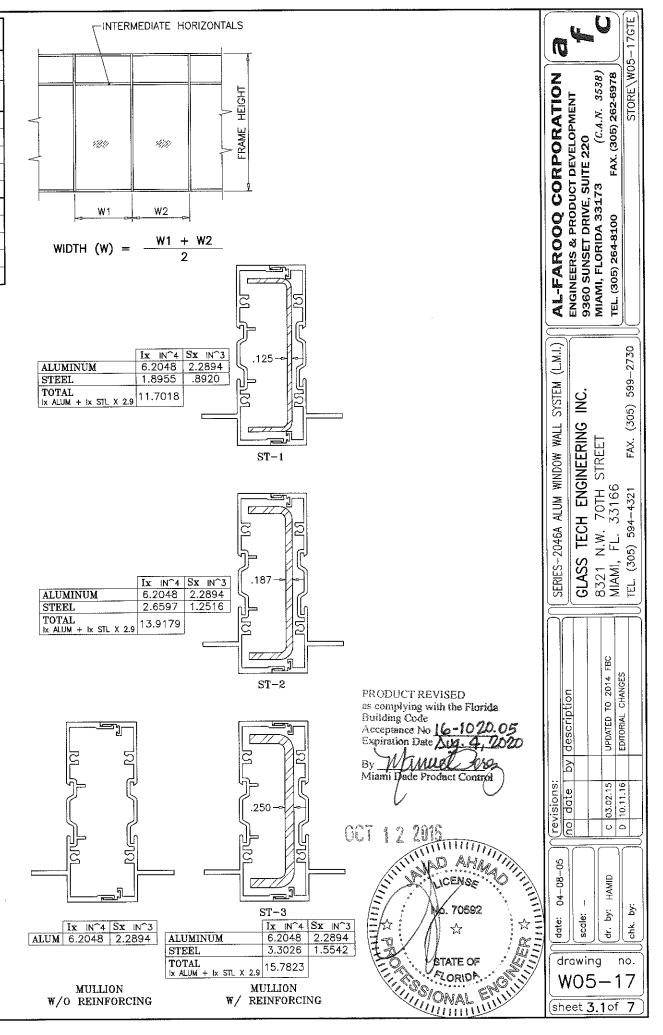
MULLION
W/ REINFORCING MULLION W/O REINFORCING

STEEL

TOTAL |x ALUM + |x STL X 2.9 | 15.7823

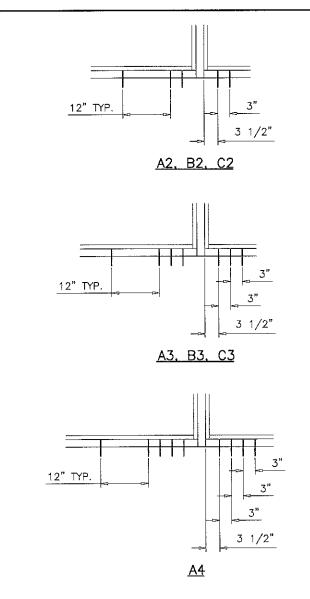
NOMIN	AL DIMS.	WITHOUT REINFORCING	ST-1 REINFORCING	ST-2 REINFORCING	ST-3 REINFORCING
WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.()	EXT.(+) INT.(-)	EXT.(+) INT.()	EXT.(+) INT.(-)
24"	TIONE TIESTI	100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
	72"			120.0	120.0
42"	/2	100.0	120.0		120.0
48"		100.0	120.0	120.0	
54"		100.0	120.0	120.0	120.0
60"		100.0	120.0	120.0	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	78"	100.0	120.0	120.0	120.0
48"		100.0	120.0	120.0	120.0
54"		100.0	120.0	120.0	120.0
60"			120.0	120.0	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	84"	100.0	120.0	120.0	120.0
48"		100.0	120.0	120.0	120.0
54"		100.0	120.0	120.0	120.0
60"		_	111.6	120.0	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"	į.	100.0	120.0	120.0	120.0
42"	90"	100.0	120.0	120.0	120.0
48"		97.1	120.0	120.0	120.0
54"			108.0	120.0	120.0
60"			97.2	115.6	120.0
24"		100.0	120.0	120.0	120.0
30"		100.0	120.0	120.0	120.0
36"		100.0	120.0	120.0	120.0
42"	96"	91.4	120.0	120.0	120.0
48"		80.0	106.8	120.0	120.0
54"			94.9	112.9	120.0
60"			85.4	101.6	115.2
24"			120.0	120.0	120.0
30"			120.0	120.0	120.0
36"	102"		120.0	120.0	120.0
42"	102	_	108.1	120.0	120.0
48"		_	94.6	112.5	120.0
54"			84.1	100.0	113.4
24"			120.0	120.0	120.0
30"		_	120.0	120.0	120.0
36"	108"	_	112.5	120.0	120.0
42"			96.5	114.7	120.0
48"			84.4	100.4	113.8
54"					_
24"			120.0	120.0	120.0
30"		_	120.0	120.0	120.0
36"	114"		101.0	120.0	120.0
42"		_	86.6	103.0	116.8
48"			75.7	90.1	102.2

		MULLION LOAD CAPACITY - PSF WITH INTERMEDIATE HORIZONTALS								
	NOMIN	AL DIMS.	WITHOUT REINFORCING	ST-1 REINFORCING	ST-2 REINFORCING	ST-3 REINFORCING				
	WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)				
1	24"		_	120.0	120.0	120.0				
1	30"		_	109.4	120.0	120.0				
1	36"	120"	_	91.1	108.4	120.0				
1	42"			78.1	92.9	105. 4				
1	48"			68.4	81.3	92.2				
١	24"			_	80.0	80.0				
1	30"			-	80.0	80.0				
1	36"	126"	_	_	80.0	80.0				
1	42"		-	-	80.0	80.0				
1	48"		_	_	73.7	80.0				
1										



NOMIN	NAL DIMS.		W INT.(-)		TYPE 'B	OR 'C'
VIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3
24"		120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"	60"	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0
54"		120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0
24"		120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"	66"	120.0	120.0	120.0	120.0	120.0
48"		120.0	120.0	120.0	120.0	120.0
54"		120.0	120.0	120.0	120.0	120.0
60"		120.0	120.0	120.0	120.0	120.0
24"		120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"	72"	120.0	120.0	120.0	120.0	120.0
48"		118.0	120.0	120.0	120.0	120.0
54"		111.9	120.0	120.0	120.0	120.0
60"		107.0	120.0	120.0	120.0	120.0
24"		120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		120.0	120.0	120.0	120.0	120.0
42"	78"	113.6	120.0	120.0	120.0	120.0
48"		104.9	120.0	120.0	120.0	120.0
54"		98.7	120.0	120.0	120.0	120.0
60"		94.4	120.0	120.0	120.0	120.0
24"		120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		114.4	120.0	120.0	120.0	120.0
42"	84"	102.7	120.0	120.0	120.0	120.0
48"		94.4	120.0	120.0	120.0	120.0
5 4 "		88.3	120.0	120.0	120.0	120.0
60"		83.9	120.0	120.0	120.0	120.0
24"		120.0	120.0	120.0	120.0	120.0
30"		120.0	120.0	120.0	120.0	120.0
36"		104.9	120.0	120.0	120.0	120.0
4 2"	90"	93.8	120.0	120.0	120.0	120.0
48"		85.8	120.0	120.0	120.0	120.0
54"		79.9	119.9	120.0	120.0	120.0
60"		75.5	113.3	120.0	120.0	120.0
24"		120.0	120.0	120.0	120.0	120.0
30"		111.9	120.0	120.0	120.0	120.0
36"	96"	96.8	120.0	120.0	120.0	120.0
42"		86.3	120.0	120.0	120.0	120.0
48"		78.7	118.0	120.0	120.0	120.0
54"		73.0	109.4	120.0	120.0	120.0
60"		68.7	103.0	120.0	113.5	120.0

ANCHOR LOAD CAPACITY - PSF EXT.(+) & INT.(-)										
NOMINAL DIMS.		ANCHORS TYPE 'A'			TYPE 'B' OR 'C'					
WIDTH (W)	FRAME HEIGHT	A2	A 3	A4	B2/C2	B3/C3				
24"		120.0	120.0	120.0	120.0	120.0				
30"		104.2	120.0	120.0	120.0	120.0				
36"	100"	89.9	120.0	120.0	120.0	120.0				
42"	102"	79.9	119.9	120.0	120.0	120.0				
48"		72.6	108.9	120.0	120.0	120.0				
54"		67.1	100.7	120.0	110.9	120.0				
24"		118.0	120.0	120.0	120.0	120.0				
30"		97.4	120.0	120.0	120.0	120.0				
36"	108"	83.9	120.0	120.0	120.0	120.0				
42"		74.4	111.6	120.0	120.0	120.0				
48"		67.4	101.1	120.0	111.4	120.0				
54"		62.2	93.2	120.0	102.7	120.0				
24"		111.1	120.0	120.0	120.0	120.0				
30"		91.5	120.0	120.0	120.0	120.0				
36"	114"	78.7	118.0	120.0	120.0	120.0				
42"		69.6	104.4	120.0	115.0	120.0				
48"		62.9	94.4	120.0	104.0	120.0				
24"		104.9	120.0	120.0	120.0	120.0				
30"		86 <i>.</i> 3	120.0	120.0	120.0	120.0				
36"	120"	74.0	111.1	120.0	120.0	120.0				
42"		65.4	98.1	120.0	108.1	120.0				
48*		59.0	88.5	118.0	97.6	120.0				
24"		99.4	120.0	120.0	120.0	120.0				
30"		81.6	120.0	120.0	120.0	120.0				
36"	126"	69.9	104.9	120.0	115.6	120.0				
42"		61.6	92.5	120.0	101.9	120.0				
48"		55.5	83.3	111.1	91.8	120.0				



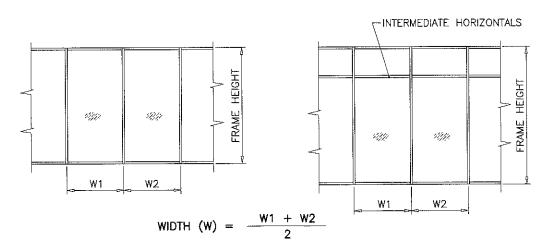
ANCHORS TYPES: SEE SHEET 5 FOR DESCRIPTION

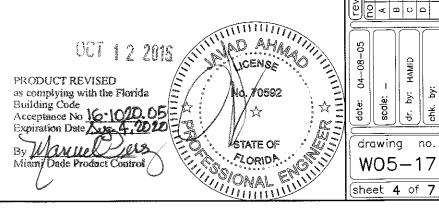
A2=(2) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION A3=(3) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION A4=(4) ANCHORS TYPE 'A' AT EACH SIDE OF MULLION

B2=(2) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION B3=(3) ANCHORS TYPE 'B' AT EACH SIDE OF MULLION

 ${\tt C2}=(2)$ ANCHORS TYPE 'C' AT EACH SIDE OF MULLION ${\tt C3}=(3)$ ANCHORS TYPE 'C' AT EACH SIDE OF MULLION

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.





(L.M.I.)						7/30
OW WALL SYSTEM (I		EERING INC.			1 (101)	FAX. (305) 599-Z/30
SERIES-2046A ALUM WINDOW WALL SYSTEM (L.M.I.)		GLASS TECH ENGINEERING INC.	8301 N W 70TH STREET	002 N.W. / 01 0		J IEL. (305) 594-4321
$\overline{\bigcap}$		30	Ь			
	description	UPDATED FOR 2007 FBC	NO CHANGE THIS SHEET	UPDATED TO 2014 FBC	EDITORIAL CHANGES	
revisions:	no date by	A 10.21.09	B 04.20.12	C 03.02.15	D 10,11,15	
-05 M						
date: 04-08-05		scale: -		dr. by: HAMID		chk. by:
	rc	wi	ng		no	₹ 5.

LU

(C.A.N. 3538) FAX. (305) 262-6978

 AL-FAROOQ CORPORATION

 ENGINEERS & PRODUCT DEVELOPMENT

 9360 SUNSET DRIVE, SUITE 220

 MIAMI, FLORIDA 33173
 (C.A.N. 3538)

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